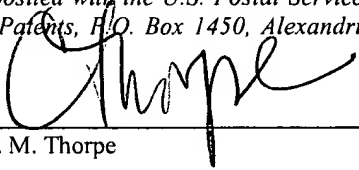




#18  
Amended  
2/6/04  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 9, 2003.

  
Christa M. Thorpe

Appl No. : 09/637,764 Confirmation No. 7809  
Applicant : Dah-Ben Liang, et al.  
Filed : August 10, 2000  
Title : ROCK BIT WITH HARD-FACING MATERIAL INCORPORATING  
SPHERICAL CAST CARBIDE PARTICLES  
TC/A.U. : 3672  
Examiner : Roger J. Schoeppel  
Docket No. : 36912/CM/S61  
Customer No. : 23363

RECEIVED

DEC 22 2003

GROUP 3600

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Post Office Box 7068  
Pasadena, CA 91109-7068  
December 9, 2003

Commissioner:

In response to the Office action of June 26, 2003, please amend the above-identified application as follows:

Amendments to the Claims:

Amend claims 1, 4, 7-9, 12, 16-20, 23, 24, 27-29, 31, 32, 33, 35-37, and 39-41 as follows:

1. (Amended) A rock bit comprising:  
a body;



PATENT

3672

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
AMENDMENT TRANSMITTAL LETTER

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on December 9, 2003.

Christa M. Thorpe

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DEC 22 2003

GROUP 3600

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Grp./Div. : 3672  
Examiner : Roger J. Schoeppel  
Docket No. : 36912/CM/S61

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

PostOffice Box 7068  
Pasadena, CA 91109-7068  
December 9, 2003

Commissioner:

Enclosed is an amendment to the above-identified application.

CLAIMS AS AMENDED						
	Claims Remaining After Amendment	Highest Number Paid For	Number Extra Claims	Small Entity Rate	Large Entity Rate	FEE
Total Claims Fee	36	*38	0	x \$9.00	x \$18.00	\$0.00
Independent Claims	7	** 8	0	x \$43.00	x \$86.00	\$0.00
Multiple Dependent Claims ***				\$145.00	\$290.00	\$0.00
TOTAL FILING FEE						\$0.00
NO ADDITIONAL FEE REQUIRED ****	IF NO FEE REQUIRED, INSERT "0"					\$0.00
LIST INDEPENDENT CLAIMS: 1, 12, 23, 28, 32, 36 and 39						
* IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 20 OR LESS, WRITE "20" IN COLUMN 3 ** IF HIGHEST NUMBER PREVIOUSLY PAID FOR IS 3 OR LESS, WRITE "3" IN COLUMN 3 *** PAY THIS FEE ONLY WHEN MULTIPLE DEPENDENT CLAIMS ARE ADDED FOR THE FIRST TIME **** IF NO FEE REQUIRED, ADDRESS ENVELOPE TO "BOX NON-FEE AMENDMENTS"						

Attached is our check for \$ to pay the fees calculated above.

☒

A Petition for Extension of Time and the required fee are enclosed.

Other enclosures: Four (4) Substitute Declarations for Reissue Patent Applications

**Amendment Transmittal Letter**  
**Application No. 09/637,764**

The Commissioner is hereby authorized to charge any fees under 37 CFR 1.16 and 1.17 which may be required by or to give effect to this paper to Deposit Account No. 03-1728. Please show our docket number with any charge or credit to our Deposit Account. **A copy of this letter is enclosed.**

Respectfully submitted,  
CHRISTIE PARKER & HALE, LLP

By 

Constantine Marantidis  
Reg. No. 39,759  
626/795-9900

CM/cmt

CMT PAS540365.1-\* -12/9/03 11:24 AM